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HARVARD UNIVERSITY



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SCHEME

OF THE

Stratigraphic Succession

IN

MISSOURI

By **CHARLES KEYES**

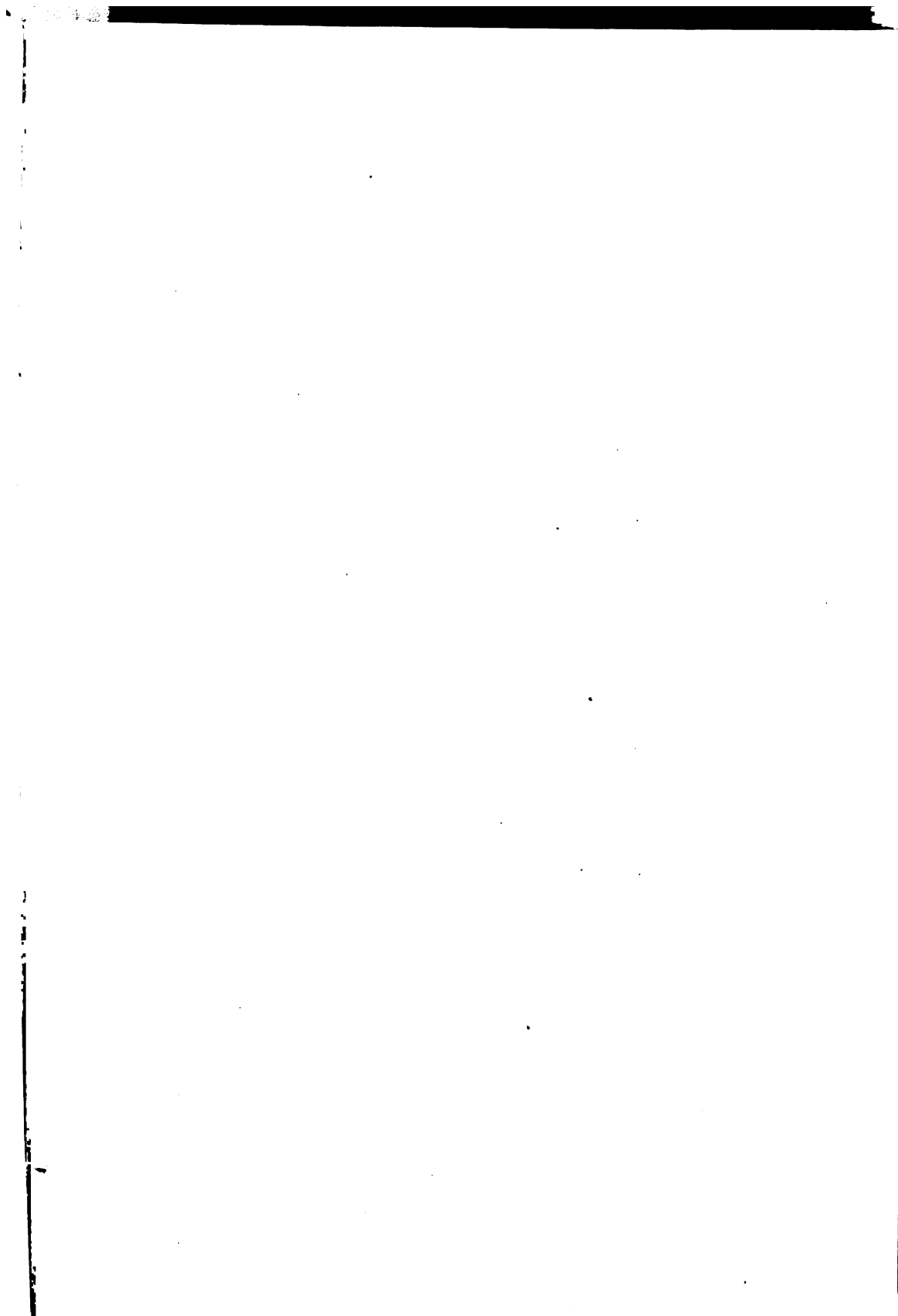
DES MOINES
ROBERT HENDERSON, STATE PRINTER
1914

GENERAL GEOLOGIC SECTION OF MISSOURI.

ERAS	PERIODS	SUB-P.	SERIES	TERRANES	THICK	ROCKS
CENOZOIC	QUATERNARIC	LATE....			25	Loess
				Interval ----		Unconformity
		MID....	<i>Pleistocene</i>	Wisconsin ---	25	Gravels
				Peoria -----	25	Loess
				Interval ----		Unconformity
				Kansas -----	50	Till
		EARLY..		Interval ----		Unconformity
		LATE....	<i>Poinsettian</i>	Lafayette ---	50	Gravels
		MID....		Interval ----		Unconformity
	TERTIARIC	EARLY..	<i>Crowleyan</i>	Wilcox -----	100	Shales
				Porter -----	50	Clays
				Interval ----		Unconformity
		LATE....	<i>Ripleyan</i>	Egypt -----	150	Sands
MESOZOIC	CRETACIC			Interval ----		Unconformity
		MID....	<i>Dakotan</i>	Nishnabotna	20	Sandstones
		EARLY..	<i>Comanchan</i>	Interval ----		Unconformity
	JURASSIC			Interval ----		Wanting
	TRIASSIC			Interval ----		Wanting
		LATE....		Unrep'sented		
PALEOZOIC	CARBONIC	MID....	<i>Missourian</i>	Atchison -----	300	Shales
				Forbes -----	35	Limestones
				Platte -----	125	Shales
				Plattsmouth	50	Limestones
				Lawrence -----	250	Shales
				Stanton -----	30	Limestones
				Parkville -----	100	Shales
				Iola -----	40	Limestones
				Thayer -----	100	Shales
				Bethany -----	75	Limestones
			<i>Des Moines</i>	Marais des C.	300	Shales
				Henrietta -----	75	Limestones
				Cherokee -----	225	Shales
			<i>Arkansan</i>	Sonora -----	100	Shales
		EARLY..	<i>Tennessean</i>	Chester -----	100	Shales
				Kaskaskia -----	125	Limestones
				Aux Vases -----	150	Sandstones
				Genevieve -----	150	Limestones
				St. Louis -----	200	Limestones
				Interval ----		Unconformity
			<i>Mississippian</i> ...	Spergen -----	100	Limestones
				Warsaw -----	65	Shales
				Keokuk -----	75	Limestones
				Eurlington -----	125	Limestones
				Interval ----		Unconformity
			<i>Waverlyan</i>	Chouteau -----	80	Limestones
				Hannibal -----	75	Shales
				Louisiana -----	50	Limestones
				Saverton -----	50	Shales
				Grassy -----	40	Shales

ERAS	PERIODS	SUB-P.	SERIES	TERRANES	THICK	ROCKS		
PALEOZOIC	DEVONIC	LATE	Chemungan	Interval ---- Snyder ----	 125	Unconformity Shales		
			Senecan	Callaway ----	50	Limestones		
		MID	Erian	Interval ---- Wittenberg --	 30	Unconformity Shales		
				Interval ---- Grand Tower	 150	Unconformity Limestones		
			EARLY	Oriskanian	Clear Creek	225	Limestones	
				Interval ---- Helderbergian	 160	Unconformity Limestones		
		SILURIC	LATE	Goweran	Interval ---- Sexton ----	 50	Unconformity Dolomites	
				Interval ---- Bowling Gr.	 40	Unconformity Dolomites		
			MID	Niagaran	Interval ---- Noix Girardeau	 30 50	Unconformity Limestones Limestones	
				EARLY	Alexandrian	Interval ---- Rufallo Thebes	 60 75	Unconformity Shales Sandstones
			ORDOVICIC	MID	Maquoketan	Interval ---- McCune ----	 50	Unconformity Limestones
						Interval ---- Bryant Joachim	 150 150	Unconformity Limestones Dolomites
	EARLY	Minnesotan			St. Peter	125	Sandstones	
		Interval ---- Canadian			 150	Unconformity Dolomites		
	CAMBRIC	LATE		Ozarkian	Interval ---- Jefferson Roubidoux Gasconade Gunter	 200 150 250 100	Unconformity Dolomites Sandstones Dolomites Sandstones	
					Interval ---- Proctor Eminence Potosi Doe Run Derby Davis LeSueur Frederick't'n LaMotte	 60 200 300 60 40 150 250 200 250	Unconformity Dolomites Dolomites Dolomites Dolomites Shales Dolomites Limestones Sandstones	
				MID	Crookian	Interval ----		Unconformity
					EARLY	Interval ----		Unconformity
		SUPERIORIC	EARLY	Antimikian	Ironton Pilot Knob	200 50	Slates Conglomerates	
		SELKIRKIC			Interval ----		Unconformity	

ERAS	PERIODS	SUB-P.	SERIES	TERRANES	THICK	ROCKS.
ARCH EO- ZOIC	ALGOMIC-----	LATE-----	<i>Francoisian</i> -----	Skrainka ---- Iron Mount'n Knob Lick----	300 500	Diabases Porphyries Granites
AZO- IC				Not exposed.		



Gaylord Bros.
Makers
Syracuse, N. Y.
PAT. JAN. 21, 1906

QE131 .
Scheme
Kummel



3 2

QE131 .K49 1914

Keyes, C.

Scheme of stratigraphic
successions in Missouri

DATE DUE

BORROWER'S NAME

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